



IN THE UNITED STATES PATENT OFFICE

PATENT APPLICATION

INFORMATION DISCLOSURE STATEMENT

Attorney Docket No. P63902

RE: DASGUPTA, Sankar; JACOBS, James K. and BHOLA, Rakesh
Serial No.: 10/661813
Filed: September 15, 2003
Title: "Energy Storage Device for Loads Having Variable Power Rates"

To: Assistant Commissioner for Patents
Washington, D.C. 20231
U.S.A.

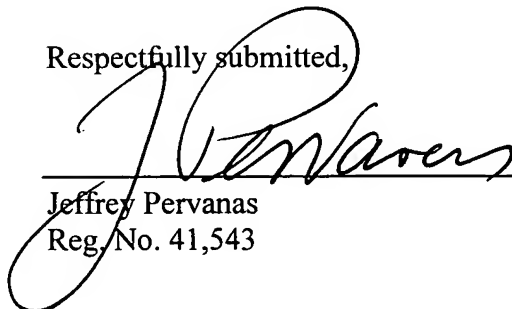
Dear Sir:

Attached is a completed PTO/SB/08A listing references of which I am aware relating to the invention defined by the claims of the subject application, together with copies of the cited references, all of which are in the English language.

This Information Disclosure Statement shall not be taken as an admission that any of these references listed herein constitute "Prior Art" under 35 U.S. C102 and/or 103.

EXECUTED at Toronto, Ontario, Canada, this 15th day of April, 2004.

Respectfully submitted,



Jeffrey Pervanas
Reg. No. 41,543

JP/cbo
Encls.
References

Riches, McKenzie & Herbert LLP
2 Bloor Street East, Suite 1800
Toronto, Ontario, Canada, M4W 3J5
Tel: (416) 961-5000



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/661,813
Filing Date	Sept. 15, 2003
First Named Inventor	DASGUPTA, Sankar
Art Unit	1745
Examiner Name	
Attorney Docket Number	P63902

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2003/0000759 A1	Jan. 2, 2003	Schmitz, et al.	
		US- 2004/0007399 A1	Jan. 15, 2004	Heinzmann, et al.	
		US- 2001/0052760 A1	Dec. 20, 2001	Amano, et al.	
		US- 2003/0160510 A1	Aug. 28, 2003	Mizutani, et al.	
		US- 2003/0186116 A1	Oct. 2, 2003	Taniou	
		US- 2003/0233179 A1	Dec. 18, 2003	Matsubara, et al.	
		US- 4,684,590	Aug. 4, 1987	Sammells	
		US- 5,473,938	Dec. 12, 1995	Handfield, et al.	
		US- 5,549,172	Aug. 27, 1996	Mutoh, et al.	
		US- 5,550,738	Aug. 27, 1996	Bailey, et al.	
		US- 5,563,454	Oct. 8, 1996	Araki, et al.	
		US- 5,883,496	Mar. 16, 1999	Esaki, et al.	
		US- 6,083,645	Jul. 4, 2000	Takeuchi, et al.	
		US- 6,132,902	Oct. 17, 2000	Miyasaka	
		US- 6,215,198	Apr. 10, 2001	Inada, et al.	
		US- 6,352,793	Mar. 5, 2002	Kitoh, et al.	
		US- 6,366,055	Apr. 2, 2002	Ookoshi et al.	
		US- 6,384,489	May 7, 2002	Bluemel, et al.	

FOREIGN PATENT DOCUMENTS

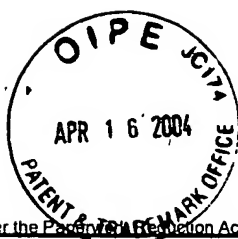
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Patent Information Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10,106,782
Filing Date	March 27, 2002
First Named Inventor	DASGUPTA, Sankar
Art Unit	1745
Examiner Name	
Attorney Docket Number	P16802

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,479,186	Nov. 12, 2002	Nemoto, et al.	
		US- 6,647,939	Nov. 18, 2003	Manabe, et al.	
		US- 4,709,200	Nov. 24, 1987	Ochiai	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.